

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions and listings of the claims in this application.

1. **(Currently Amended)** A genetically modified plant cell comprising:

- a) a nucleic acid molecule encoding the amino acid sequence of SEQ ID NO 4;
- b) a nucleic acid molecule encoding an amino acid sequence with an identity of at least 95% with the amino acid sequence of SEQ ID NO: 4;
- c) a nucleic acid molecule comprising the nucleic acid sequence of SEQ ID NO: 3 or [[a]]
the complementary sequence thereof;
- d) a nucleic acid molecule comprises a nucleic acid sequence with an identity of at least 95% with the nucleic acid sequences described under a) or c); or
- e) a nucleic acid molecule comprising a nucleic acid sequence which deviates from the sequence of the nucleic acid molecules identified under a), b), c), or d) due to the degeneration of the genetic code; ~~or~~
- ~~f) fragments, allelic variants, or derivatives of the nucleic acid molecules identified under a), b), c), or d) that retain the biological activity of a nucleic acid molecule encoding the amino acid sequence of SEQ ID NO 4,~~

wherein said genetically modified plant cell has an increased activity of at least one Class 3 branching enzyme in comparison with corresponding wild type plant cells that have not been genetically modified.

2. **(Cancelled)**

3. **(Cancelled)**

4. **(Cancelled)**

5. **(Previously Presented)** The genetically modified plant cell according to Claim 1, wherein said foreign nucleic acid molecule is a DNA molecule linked with regulatory sequences for transcription in vegetable cells.

6. **(Previously Presented)** A plant cell according to Claim 1, which synthesizes a modified starch

